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WIRELESS LOCAL AREA NETWORK REAL-TIME QUALITY MANAGEMENT

ABSTRACT OF THE DISCLOSURE

The present invention provides a Wireless Local Area Network (WLAN) terminal, having a wireless interface that exchanges packetized communications with servicing Access Points (APs). A processing unit communicatively coupled to the wireless interface selects an appropriate programmable COder/DECoder (CODEC) with which to convert packetized communications to incoming user communications, and user communications to outgoing packetized communications. A user interface coupled to the programmable CODEC receives the incoming user communications and produces the outgoing user communications. The processing unit monitors the serviced packetized communications to determine a communication quality level delivered by the wireless interface. Then the processing unit chooses the selected coding scheme based upon the communication quality level.